Index of Claims

| Appl | licatio | n/Con | trol No. |
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|------|---------|-------|----------|

10/626,019

10/626,01 Examiner

Hal D. Wachsman

Applicant(s)/Patent under Reexamination

ZACCARIA, ROBERT

Art Unit

2857

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| 2 | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Clair  | m                 | Date          |          |          |          |  |                |          | Cla      | Claim Date |          |          |                 |           |          |           |           |          |          | ſ        | Cli            | aim | Date  |            |           |   |          |   |              |   |          |             |          |
|--|-------------------|---------------|----------|----------|----------|--|----------------|----------|----------|------------|----------|----------|-----------------|-----------|----------|-----------|-----------|----------|----------|----------|----------------|-----|-------|------------|-----------|---|----------|---|--------------|---|----------|-------------|----------|
|  | Originat          | 1-15-06       |          |          |          |  |                |          |          |            | Final    | Original |                 |           |          |           |           |          |          |          |                |     | Final | Original   |           |   |          |   |              |   |          |             |          |
| -  | 1                 | _             | -        | _        | _        | <u> </u>   | $\vdash$       |          |          | 4          | -        | 51       | $\vdash \vdash$ | +         | 4        | $\dashv$  | 4         | _        | 4        | -        | $\dashv$       |     |       | 101        | -         |   |          |   |              | _ | $\vdash$ | <u> </u>    | Ļ        |
|  | 2                 |               | _        | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$       | ╁╌       | Н        | $\dashv$   | $\vdash$ | 52       | $\vdash$        | +         | +        | +         | $\dashv$  | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$       | ł   |       | 102        |           |   | -        | _ | -            | _ |          | ┢           | ┢        |
| <del>                                     </del> | 4                 |               | $\vdash$ | $\vdash$ | $\vdash$ | ╁  | $\vdash$       | ┢        | Н        | ┥          | $\vdash$ | 53       | $\vdash$        | +         | +        | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$       | ł   |       | 103        | $\dashv$  | _ | _        |   | _            | _ |          | -           | ┢        |
|  | ĭ                 | _             |          | $\vdash$ | $\vdash$ | ╁╴   | $\vdash$       | ╁        |          | $\dashv$   |          | 54       | -               | $\dashv$  | $\dashv$ | +         | $\dashv$  | $\dashv$ | _        |          | $\dashv$       | ł   |       | 104        | $\dashv$  |   | _        |   | H            |   | $\vdash$ | <u> </u>    | H        |
|  | 5                 |               |          |          |          | $\vdash$   | $\vdash$       | H        | Н        | _          |          | 55       | $\vdash$        | $\dashv$  | $\dashv$ | +         | 7         |          | $\dashv$ |          | $\dashv$       | ł   |       | 105        | $\dashv$  |   | _        |   |              |   | $\Box$   | $\vdash$    | H        |
|  | 1                 |               | -        | -        | -        | <del> </del>                                     | T              | ┢        | Н        |            | <b></b>  | 56       |                 | +         | +        | 十         | ┪         | $\dashv$ | $\dashv$ | Н        |                | ŀ   |       | 106        |           |   |          |   | $\vdash$     |   |          | $\vdash$    | H        |
|  | 7                 |               | _        | ┢        | ┢        | t  | $\vdash$       | 1        |          | ヿ          |          | 57       | $\vdash$        | 十         | $\dashv$ | 十         | 7         | $\dashv$ |          |          | $\dashv$       | ı   |       | 107        | $\exists$ |   |          |   |              |   |          | $\vdash$    | t        |
|  | 8                 |               |          | Т        | $\vdash$ | T  | Τ              | T        |          | ヿ          |          | 58       |                 | 寸         | 7        | 寸         | 7         | 寸        | $\neg$   |          | $\neg$         | ı   |       | 108        |           |   |          |   | H            |   |          |             | T        |
|  | 4                 |               |          | Г        |          | İ  | T              | T        | П        | ヿ          |          | 59       |                 | $\neg$    | 寸        | 7         | T         | $\neg$   |          |          | П              | Ì   |       | 109        |           |   |          |   |              |   |          |             | Г        |
|  | 1þ                |               |          |          | Γ        | 1  | T              | Π        |          |            |          | 60       | $\Box$          | $\neg$    | T        | T         | T         | $\neg$   |          |          |                | Ì   |       | 110        |           |   |          |   | Г            |   |          |             | Г        |
|  | 1                 |               |          |          |          |  |                |          |          |            |          | 61       |                 |           |          |           |           |          |          |          |                |     |       | 111        |           |   |          |   |              |   |          |             | Γ        |
|  | 12                |               |          |          |          |  |                |          |          |            |          | 62       |                 |           |          |           |           |          |          |          |                |     |       | 112        |           |   |          |   |              |   |          |             | Г        |
|  | 18                |               |          | _        |          |  | _              |          |          |            |          | 63       |                 |           |          |           |           | $\Box$   |          |          |                |     |       | 113        |           |   |          |   |              |   |          |             | L        |
|  | 14                |               |          |          | _        | <u> </u>   |                |          | Ш        |            |          | 64       | $\Box$          | $\perp$   |          | _         | _         |          |          |          |                |     |       | 114        |           |   |          |   |              |   |          | L           | L        |
|  | 15                |               |          | L        | _        | L  | _              | <u> </u> |          | _          |          | 65       | _               | 4         | 4        | 4         | _         | _        |          | Ц        | Щ              |     |       | 115        |           |   |          |   | _            | Ш | Ш        | <u>_</u>    | L        |
|  | 16                |               |          | <u> </u> | _        | <u> </u>   | _              | <u> </u> |          | _          |          | 66       | $\rightarrow$   | _         | $\perp$  | $\perp$   | _         | _        | _        |          |                |     |       | 116        |           |   |          |   | $oxed{oxed}$ |   | Ш        | _           | L        |
|  | 17                |               |          | <u> </u> | <u> </u> | <u> </u>   | <u> </u>       | L        |          | _          | <u> </u> | 67       | $\dashv$        | 4         | 4        | 4         | _         |          | $\perp$  |          | Щ              | ļ   |       | 117        |           |   |          |   |              |   | Ш        | L_          | L        |
|  | 18                |               |          | <u> </u> | _        | _  | L              | L        |          | _          | ļ        | 68       | 1               | 4         | 4        | _         | _         | _        | _        |          |                | ļ   |       | 118        |           |   |          |   |              |   | Щ.       | L_          | L        |
|  | 19                |               | _        | <u> </u> | <u> </u> | <u> </u>   | <u> </u>       | <u> </u> |          | _          |          | 69       |                 | 4         | 4        | 4         | 4         |          |          | $\Box$   | Ц              | ļ   |       | 119        |           |   |          |   |              |   | Ш        | <u> </u>    | L        |
|  | <u>2</u> 0        |               |          | <u> </u> | _        | <u> </u>   | _              | ┞        | Ш        | _          |          | 70       | $\dashv$        | 4         | _        | 4         | 4         | _        |          |          | $\dashv$       | ļ   |       | 120        |           |   |          |   | $oxed{oxed}$ |   | Щ        | _           | L        |
|  | 21)               | =             |          | <u> </u> | <u> </u> | <u> </u>   | <del> </del> _ | <u> </u> | $\Box$   | 4          |          | 71       | $\rightarrow$   | 4         | 4        | 4         | 4         | _        | _        |          | _              | ŀ   |       | 121        | _         |   |          |   |              |   | Ш        | _           | L        |
|  | 22                | <u>:</u><br>: |          | <u> </u> | <u> </u> | ⊢  | ⊢              | ╙        | Н        |            |          | 72       | $\rightarrow$   | 4         | +        | 4         | 4         |          | -        | -        | _              | ŀ   |       | 122        |           |   |          |   | _            |   | $\vdash$ |             | L        |
|  | 23                | Ξ             |          | <u> </u> | <u> </u> | <u> </u>   | -              | <u> </u> | Н        | _          |          | 73       | $\perp$         | $\dashv$  | $\dashv$ | +         | $\dashv$  | $\dashv$ | 4        |          | $\blacksquare$ | ŀ   |       | 123        |           | ٠ | -        |   | ļ            |   |          |             | ⊢        |
|  |                   | =             |          | <u> </u> | <u> </u> | <u> </u>   | <u> </u>       | <u> </u> | Щ        |            | -        | 74       | -               | +         | +        | 4         | 4         | _        | -        | _        | _              | ŀ   |       | 124        |           |   |          |   | L            |   | ب        | $\vdash$    | ⊢        |
| <b>—</b>   | 25                | :             | _        | <u> </u> | <u> </u> | <u> </u>   | <b>├</b> —     | <u> </u> | $\dashv$ |            | <u> </u> | 75       | -               | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$  |          |          | $\dashv$ |                | }   |       | 125        | $\dashv$  |   | _        |   | _            |   | $\vdash$ | -           | ⊢        |
| 1  | 26                | =             |          | <u> </u> | ┝        | ⊢  | ⊨              | ⊢        | $\vdash$ |            | -        | 76       | $\dashv$        | +         | +        | +         | 4         |          | $\dashv$ | $\dashv$ | _              | }   |       | 126        | _         |   | _        |   |              | - |          | -           | ⊢        |
|  | 27)               | 1 (           |          | ┝        | <u> </u> | <u> </u>   | ┝              | ├-       | -        | _          | -        | 77       |                 | +         | -        | $\dashv$  | 4         | $\dashv$ |          |          | $\dashv$       | -   |       | 127        |           |   |          |   |              |   | H        | ⊢           | ⊢        |
|  | 28                | :             | _        | $\vdash$ | ┡        | ⊢  | -              | ⊢        | -        | -          |          | 78       | -+              | +         | +        | -+        | $\dashv$  |          |          |          | $\dashv$       | }   |       | 128        | -         |   | $\vdash$ |   | $\vdash$     |   | $\vdash$ | -           | ⊢        |
|  | 29                |               |          | <u> </u> | <u> </u> | ┝  | -              | -        |          | -          |          | 79       | $\rightarrow$   | +         | +        | +         | $\dashv$  |          | $\dashv$ |          | {              | -   |       | 129        |           |   |          |   |              |   | -        | -           | ⊢        |
|  | 30<br>31          | , , ,         | _        | $\vdash$ | ┡        | ⊢  | ┝              | -        | $\vdash$ | $\dashv$   |          | 80       | •               | $\dashv$  | $\dashv$ | +         | $\dashv$  |          |          |          | $\dashv$       | }   |       | 130        | $\dashv$  | _ | $\vdash$ | _ |              |   | -        | -           | ╀        |
|  | 32                | 5             | _        | <u> </u> | <u> </u> | -  | ┢              | _        |          |            | -        | 81<br>82 |                 | +         | -        | +         | $\dashv$  | $\dashv$ | -        | $\dashv$ | $\dashv$       | -   |       | 131<br>132 | -         |   | -        |   | Н            |   | $\vdash$ | $\vdash$    | ⊢        |
|  |                   | ζ,            | _        |          | ├─       | -  | ╁              | ╁        |          | -          | -        | 83       |                 | $\dashv$  | -+-      | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$       | }   |       | 133        |           |   | -        |   |              |   | $\dashv$ | $\vdash$    | ╁        |
|  | 34                | 11 11         |          |          | -        | -  | ┢              |          | -        | $\dashv$   | -        | 84       |                 | ╅         | +        | $\dashv$  | +         | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$       | }   |       | 134        | $\dashv$  |   | -        |   |              |   | $\vdash$ |             | ⊢        |
|  | 35                | =             | _        | $\vdash$ | $\vdash$ | <del>                                     </del> | $\vdash$       | $\vdash$ | -        | $\dashv$   | -        | 85       |                 | $\dashv$  | +        | $\dashv$  | $\dashv$  | ┪        | $\dashv$ | $\vdash$ | $\dashv$       | }   |       | 135        | $\dashv$  | _ | Н        |   |              |   | -        | $\vdash$    | $\vdash$ |
|  | 36                | =             |          | _        | $\vdash$ | $\vdash$   | $\vdash$       | $\vdash$ | $\vdash$ | $\dashv$   |          | 86       | $\dashv$        | +         | $\dashv$ | +         | +         | -        |          | $\dashv$ | $\dashv$       | }   |       | 136        | $\dashv$  |   | Н        |   | Н            |   |          | <b>—</b>    | -        |
|  | 37                | =             | _        | -        | $\vdash$ |  | $\vdash$       | $\vdash$ | H        | $\dashv$   |          | 87       | $\vdash$        | +         | +        | +         | $\dashv$  | -        | $\dashv$ |          | $\dashv$       | ł   |       | 137        | -         | _ | $\vdash$ | - | $\vdash$     |   | -        | <del></del> | -        |
| 1  | 381               | -             |          | $\vdash$ | $\vdash$ | t  | $\vdash$       | -        | Н        | $\dashv$   |          | 88       | -               | +         | +        | +         | $\dashv$  | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$       | ŀ   |       | 138        |           | - | $\vdash$ |   | $\vdash$     |   |          | -           | $\vdash$ |
|  | 38)<br>39)<br>40) | Ĩ             |          | $\vdash$ | Г        | <del>                                     </del> | 1              | $\vdash$ | Н        | $\dashv$   |          | 89       | $\dashv$        | $\forall$ | $\dashv$ | +         | 7         | _        | $\dashv$ | $\dashv$ | $\dashv$       | ŀ   |       | 139        | $\dashv$  |   | Н        |   |              |   | $\dashv$ | Г           | $\vdash$ |
| 7  | 40)               | 7             |          | _        | $\vdash$ |  | T              |          |          | $\dashv$   |          | 90       | $\neg$          | 7         | $\top$   | $\top$    | 7         | ᅥ        | _        | $\neg$   | $\neg$         | ŀ   |       | 140        |           |   |          |   |              |   |          |             | Н        |
|  | 41                | *-            |          |          |          | Т  |                |          | Н        | $\dashv$   |          | 91       | $\top$          | $\top$    | $\dashv$ | $\dagger$ | $\dashv$  | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$       | ı   |       | 141        | $\dashv$  | _ |          |   |              |   |          |             | Т        |
|  | 42                |               |          | _        |          | <u> </u>   |                |          |          | $\neg$     |          | 92       |                 | 十         | T        | T         | T         | T        | _        |          | $\neg$         | ı   |       | 142        |           | _ |          |   |              |   |          | Г           | Г        |
|  | 43                |               |          |          | Г        | T  | Т              |          |          | $\neg$     |          | 93       |                 | +         | $\dashv$ | $\top$    | 7         | $\dashv$ | $\dashv$ | $\Box$   | $\sqcap$       | ţ   |       | 143        |           |   | $\neg$   |   |              |   |          |             | Г        |
|  | 44                |               |          |          |          |  |                |          |          |            |          | 94       | $\neg \uparrow$ | 十         | 寸        | 7         | 7         | ヿ        |          |          |                | ı   |       | 144        | $\neg$    |   |          |   |              |   |          |             | Г        |
|  | 45                |               |          |          |          | Π  | П              |          |          | $\neg$     |          | 95       |                 | ┪         |          |           | ╗         | $\neg$   |          |          |                | ı   |       | 145        | $\neg$    |   |          |   |              |   | П        |             | Γ        |
|  | 46                | _             |          | •        |          |  |                |          |          | $\Box$     |          | 96       |                 | $\top$    | $\neg$   | 7         | $\exists$ | $\neg$   | $\neg$   |          |                | -   |       | 146        | $\Box$    |   |          |   |              |   |          |             | Г        |
|  | 47                |               |          |          |          |  |                |          |          |            |          | 97       | _               | 寸         | ┪        | 7         | 寸         | $\neg$   | $\neg$   | $\neg$   |                | Ī   |       | 147        |           |   |          |   |              |   | $\Box$   |             | Г        |
|  | 48                |               |          |          |          |  |                |          |          |            |          | 98       |                 | $\dashv$  | $\neg$   | T         | $\exists$ | $\neg$   | $\neg$   |          | $\Box$         | Ī   |       | 148        | $\Box$    |   |          |   |              |   |          |             | Г        |
|  | 49                |               |          |          |          |  |                |          |          |            |          | 99       |                 | $\exists$ | $\neg$   | _         |           |          | 一        |          | $\Box$         | -   |       | 149        |           |   |          |   |              |   | П        |             | Г        |
|  | 50                |               |          |          |          | Γ  |                |          |          |            |          | 100      |                 | $\neg$    |          | T         |           |          | $\neg$   |          |                | ı   |       | 150        |           |   |          |   |              |   |          | Г           |          |